MobileBackup
for WindowsCE 1.02

User's Manual

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Welcome

Welcome to MobileBackup for WindowsCE.

MobileBackup is a backup program specifically designed for the needs of mobile devices like the WindowsCE Handheld- and Palm-PCs. Beyond the scope of functionality of “normal” backup programs, MobileBackup offers unique functionalities which were developed especially for mobile devices.

The most important function - in our point of view - is the automatism of the whole backup process. MobileBackup will do the daily, weekly, or whatever frequency you choose, backup without the necessity of user interaction (if you choose). This way you will always have the most up-to-date backup handy, in case you need it. No more fears of loosing data, because the last backup is a few weeks old!

It is essentially important that you are familiar with the most common operating elements of the WinCE OS before reading this manual. This includes buttons, check boxes, combo boxes and dialog boxes and several other elements. If your not confirm with all this please read the Windows CE manual first.

Thanks for choosing MobileBackup.

IMPORTANT NOTE:
We are trying hard to achieve the highest possible quality for our software products, but can not unfortunately guarantee the absents of errors, absolutely. A hidden ‘bug’ (software error) - especially in a backup application - may lead to substantial failure and corruption on your data.
In the unlikely event that you will be experiencing loss/corruption of data, using MobileBackup, the company “modasys - mobile data systems” can not be held liable in any way. Please refer to the section of terms in licensing at the end of this manual, with regard to the just mentioned incidence. You will automatically agree to these terms, as soon as you make use of the application MobileBackup.

Installation

There are two different ways to install MobileBackupCE on your WinCE device, depending if you install it through your desktop computer, or if you directly download the CAB file on your WinCE device.

A) Installation through your desktop PC

If you want to install MobileBackup through your desktop computer please proceed with the following steps:
1) Download the “Setup.exe” file from our download area or use the similar .exe file contained on the floppy-disk version.
2) First you have to establish a connection between the WinCE device and your desktop computer by using the WindowsCE Services 2.x or the new 3.0 version called ActiveSync.
3) Double tap the setup.exe and follow the instruction. MobileBackup will now be installed through WindowsCE Services/ActiveSync on your WindowsCE device.
Afterwards MobileBackup is installed completely and is ready to use.

B) Installation directly on the WinCE device

If you want to directly download MobileBackup onto your WindowsCE device, you will have to use the CAB file instead of the setup.exe file. Follow these steps:
1) Download the *.CAB file onto your WindowsCE device
2) Double tap the file
3) Follow the instructions of the Installer
Afterwards MobileBackup is installed completely and ready to use.

Deinstallation

The deinstallation of MobileBackupCE is managed by the build in “Remove Programs” application of WindowsCE. Choose “Settings/Control Panels” from the Start menu and double tap the “Remove Program” icon. Choose MobileBackupCE form the programs list and press the remove button. Afterwards MobileBackup and all its (program)files (including the online help) are removed.

However the existing backups aren’t touched. If you want to delete all existing backups you will have to remove the “MobileBackup backups” folder in the root of each memory store you used (internal memory and any memory card).

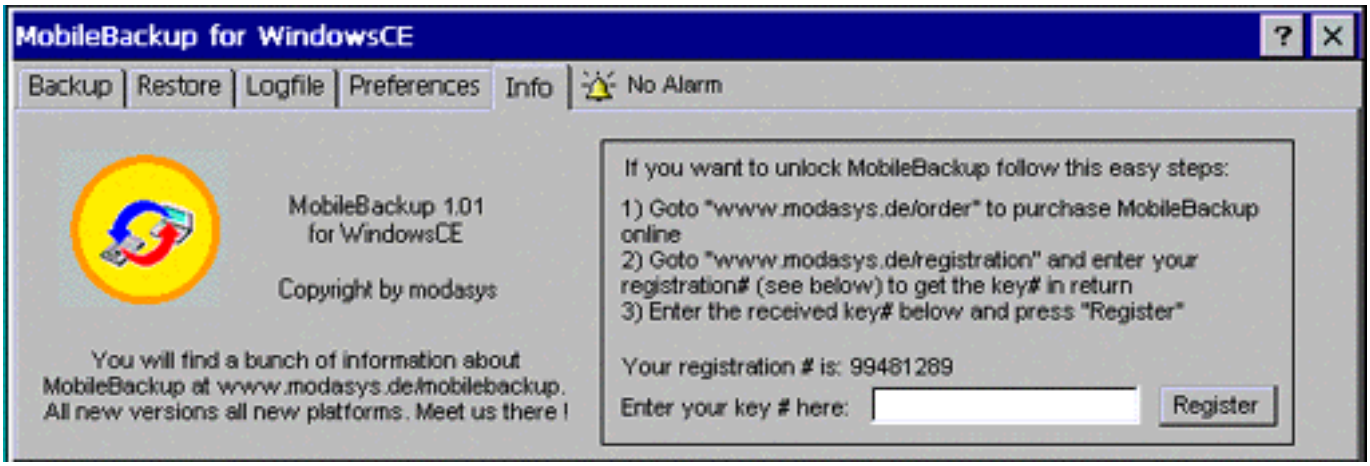
Caution:

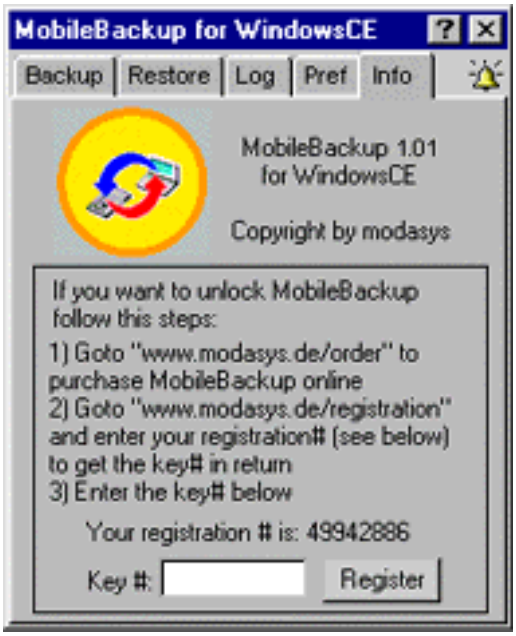
Before you remove MobileBackup make sure you use the button

under Preferences. Otherwise you will get annoying notification errors by WindowsCE each time your restart your device. This is because WindowsCE does not delete “notification events” of removed programs correctly.

Registration

You need to unlock your version of MobileBackup first by registering it. Since we distribute all our software products through the Internet we need to protect them this way.
We've made every effort to conceive the registration process as user friendly as possible. The outcome of these efforts are found in our online registration system which you can access at **http://www.modasys.de/registration**, 24 hours a day and 365 days a year. So, registering only takes as long as, logging into the Internet, turning to our web-site, providing us with some essential data. You will get a key number via e-Mail in return almost instantly. Usually, this whole procedure takes less than 5 minutes. The Information screen (see below) includes all necessary data and will accept the key number.


MobileBackup for WindowsCE
Backup
Restore
Logfile
Preferences
Info
No Alarm
MobileBackup 1.01
for WindowsCE
Copyright by modasys
You will find a bunch of information about MobileBackup at www.modasys.de/mobilebackup. All new versions all new platforms. Meet us there !
If you want to unlock MobileBackup follow this easy steps:
1) Goto "www.modasys.de/order" to purchase MobileBackup online
2) Goto "www.modasys.de/registration" and enter your registration# (see below) to get the key# in return
3) Enter the received key# below and press "Register"
Your registration # is: 99481289
Enter your key # here:
Register
Information screen (HPC, HPCpro)



Information screen (PPC)

Please follow these steps to register MobileBackup successfully:

1) Install MobileBackup onto your WindowsCE device

2) Open MobileBackup and you will see the information screen (see above)

3) Write down your 8 digit registration number, which is just above the key number input field. In the displayed dialog boxes this is 99481289.

4) Turn to our registration page at **http://www.modasys.de/registration** and enter your name, e-Mail and the written down registration number.

5) You should see a success notification message now. Check your e-Mail inbox which will contain an e-Mail with the key number.

If do not get a success notification or do not get the key by e-Mail , please contact us at regsupport@modasys.de.

Introduction

Soon after you've launched your MobileBackup application you'll be presented with the main screen. This main screen consists of 5 pages, which can be accessed using the folder tabs at the top. Using these taps you gain access to these main features:

1) Backup - securing data
2) Restore - restoring data
3) Logfile - produce a continuous log of all actions taken
4) Preferences - several settings valid throughout the application
5) Information - information screen which includes the registration part

Further more you will find an alarm icon in the upper right corner including the alarm time of the next automatic backup (see *Starting a backup*). On a PPC you have to click on the alarm icon to see the next alarm time.

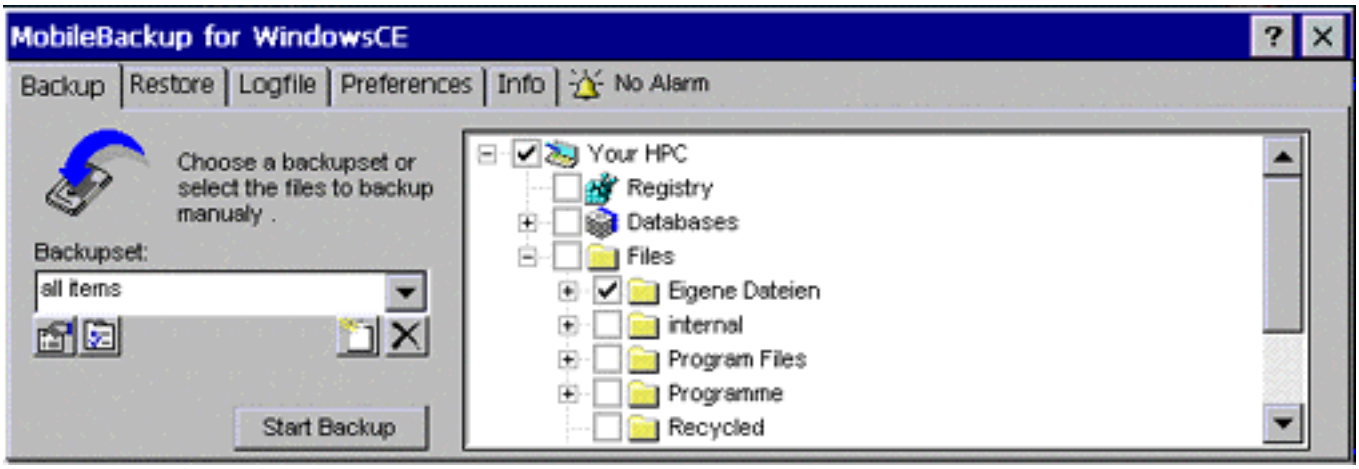
The online help, which will be automatically installed, can be accessed by clicking the help button . This online help uses the build in online help system of Windows CE and therefor is quite similar to other Windows CE online help files.

Advanced users of WindowsCE will feel right at home with MobileBackup as we have made use of many elements which are being offered throughout the system and hence are mostly self-explanatory. These users may wish to skip intensive studies of this manual. All other users will find a helpful guidance reading this manual and how to use the application MobileBackup.

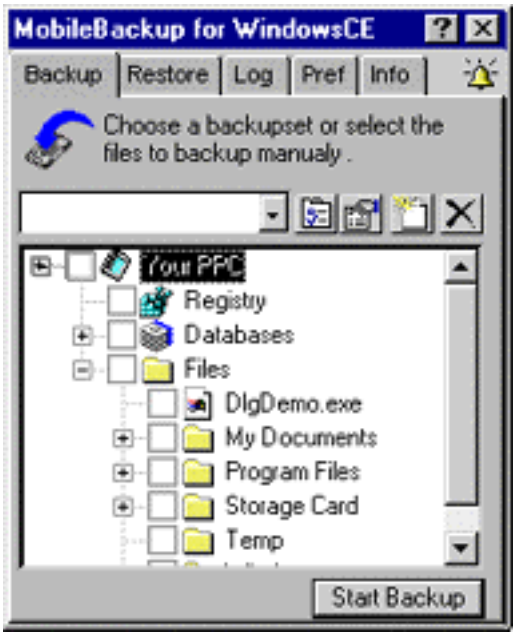
Hint:
*We suggest however that everyone takes time to read through the **Hints** of each section. You will find important information on saving your data more efficiently and pre-cautions you should take, risks you could avoid and should be aware of.*

Backup - securing data

Click on the Backup tab to reach the backup screen.



Backup screen (HPC, HPCpro)



Backup screen (PPC)

Left-hand (PPC: on top) you will find a combobox which contains existing "Backupsets" and four related buttons (properties), (options), (add) and (delete).

On the bottom of the backup screen you will see the button, to start a backup.

On the right hand (PPC: below) - taking most of the screen - is a tree-view, which contains all files, databases and the registry of your WindowsCE gadget. Those three types of objects represent the entire data on your device.

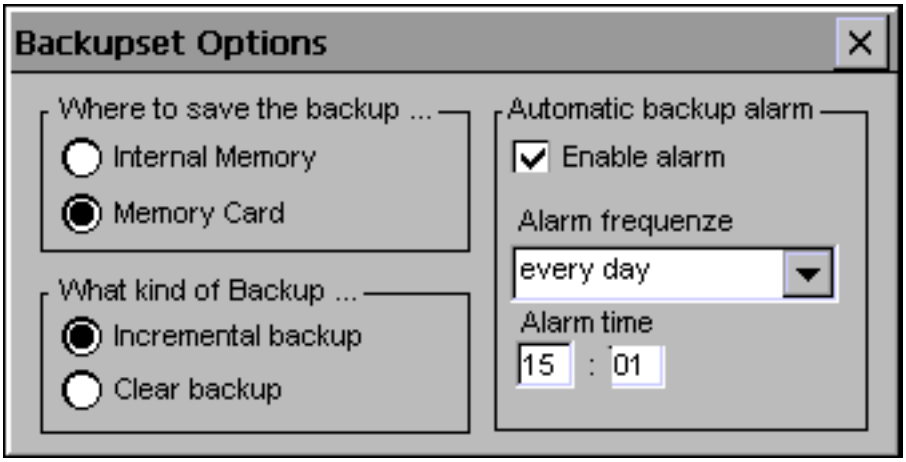
Backupsets

All selected files, databases and registry from the tree-view are captured, within a backupset . This way you only need to do the selection process once and afterwards you can reuse the backupset to do the selection again. E.g. you can call one backupset “my files” which contains all your created files, or a backupset “internal databases” which contains only the internal names, dates, to-dos etc. databases.

To create a new backupset click the add button . You will see a new entry in the combobox called “BS dd:mm:yyyy hh:mm:ss”. Select all files, databases and/or the registry in the tree-view adjacent which you wish to be included. That’s all. The backupset will be saved automatically.

To delete an existing backupset, pick the appropriate one from the combobox popup-menu and hit the delete button . Caution: this can not be undone.

Each backupset has its own set of options. To gain access to these options, press the options button . The backupset options dialog will appear as shown below.



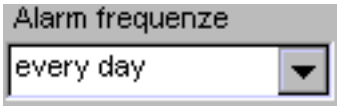
Backupset options dialog

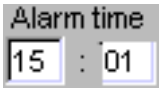
This is where you can determine where the backup, (which is compiled out of the backupset data you’ve entered beforehand) is to be stored. You should always backup to a memory card, as an internal backup would be useless, if the gadget is stolen or broken.

There are two different backup types supported by MobileBackup. The “incremental backup”, which adds new data to an existing backup, and the “clear backup” which will erase the old backup items first, before saving the new ones. You should always use the “incremental backup” type, as you can access old data in the future even though it may have already been deleted on your machine. Disadvantage of this being, that the “incremental backup” uses more memory than the “clear backup”.

Finally there is the “automatic backup alarm” options. This alarm allows to automatically create a backup using the currently selected backupset. The backup will contain the selected files, databases and the registry, which are included in the backupset.

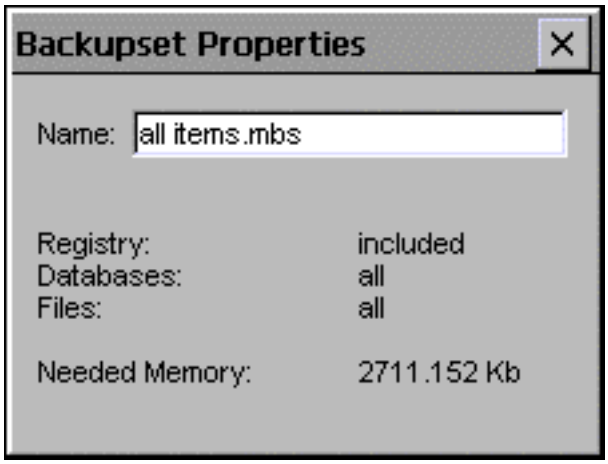
To enable the alarm, check-off the checkbox

. Enter the alarm frequency 

and alarm time 

, just beneath.

All information about a backupset is available in its properties. Press the properties button to open the backupset properties dialog as shown below.



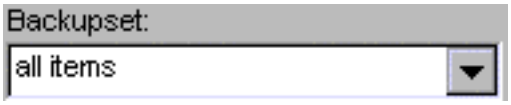
Backupset properties dialog

You will find an enumeration of the included object of the backupset and the estimated memory size of the backup. The name edit-line will allow you change the name of the backupset.

Starting a backup

Manual Backup

To induce a backup manually, you need to first select the data you want to backup. As described *in section Backupset*, your selections are stored in a backupset, so you simply choose one from the backupset combobox.



Backupset combobox

It is assumed that you've already created a backupset *(see Backupset).* Then press

and the backup process will start. The process itself is divided up into two parts a) the memory check and b) the actual backup part. If the memory check fails, because there isn't enough free memory available at the memory location you've choosen, you will see a notification and there will also be an error message added to the logfile. Otherwise the actual backup process will start to save the data.

Automatic Backup

To start a backup automatically you have to enter the options of a certain backupset, as described *in section Backupset*. Within the options dialog you can define an alarm time at which MobileBackup automatically starts a backup. For more details *see section Backupsets*.

Panic backup

MobileBackup offers to initiate a backup through a special process in case you're unable to start a backup in the usual way. This is mainly needed in the event your display being destroyed or not responding visually, but the device itself seemingly working properly. It wouldn't be possible then, to use the device via pen or keyboard input any longer.

To backup the complete internal data in such an event follow this steps:

1) Find a memory card which has enough free memory to receive the internal data. If you already installed a memory card into your device remove this first.

2) Insert this card and wait 10 seconds

3) Remove the card and insert it back again immediately

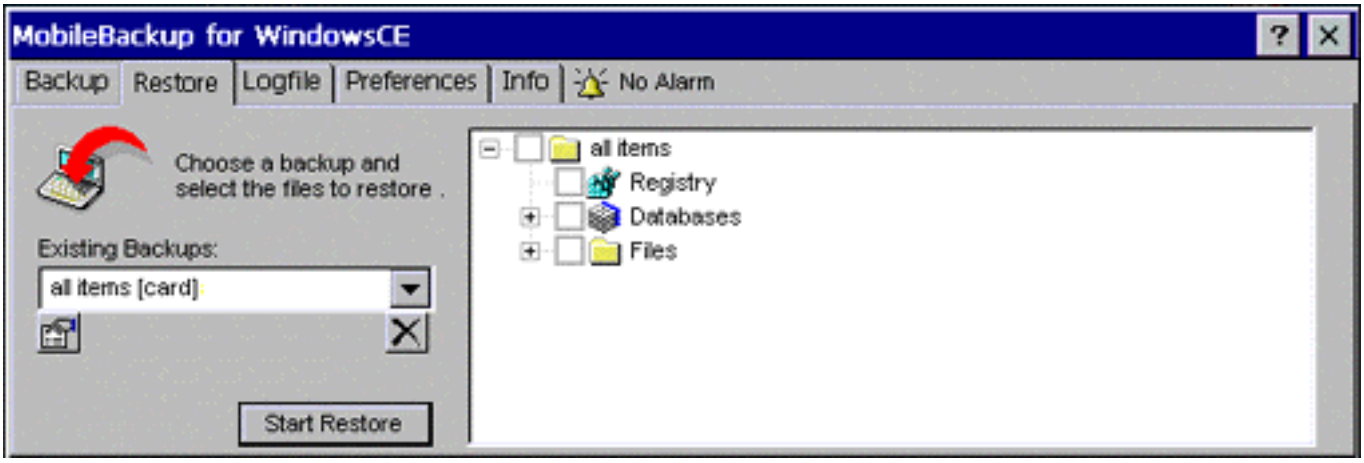
After a few seconds you will either hear a single "beep" sound (followed by "click" sounds) which indicates, that the backup can take place, or you will here a triple "beep" sound, which indicates, that the backup can not take place (most likely there is not enough free memory on the card, please try another one).
During the backup process you will hear many "click" sounds which indicate the backup is still in progress. At the end of the backup you will hear a single "beep" sound again followed by silence. Now you can remove the card, which contains all internal data of the damaged device.

The damaged device is now safe to be sent in for repairs as the internal data is not going to be lost anymore.

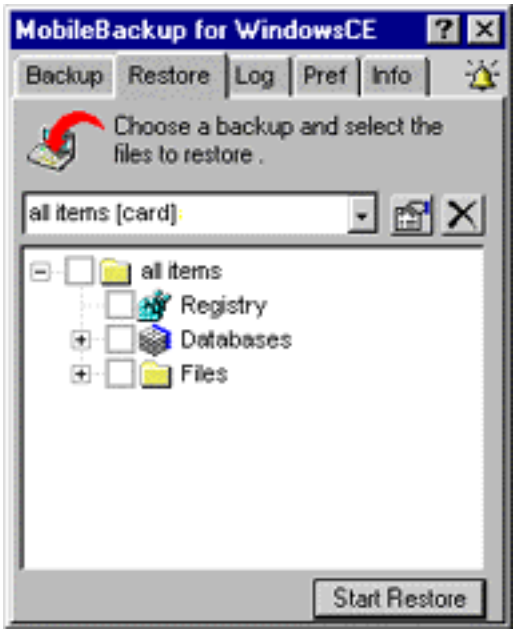
You can also insert the storage card into another device, restoring it contents onto it and resume your work on this machine within a few minutes.

Restore - restoring data

Click on the Restore tab to reach the restore screen.



Restore screen (HPC, HPCpro)

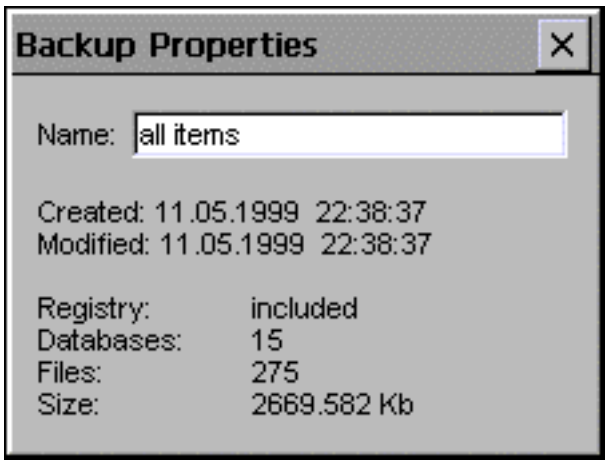


Restore screen (PPC)

This screen looks quite similar to the backup screen. On the left-hand you will find a combobox, which contains the existing backups - not backupsets - this time. Beneath it, you'll see two related buttons: (properties) and (delete).

Pressing the delete button will delete the selected backup completely. Caution: This can not be undone.

Pressing the properties button will open the backup properties dialog



Backup properties dialog

This dialog contains all information about the backup. Its name, which can be changed in the edit-line, the creation and last modification date, and a enumeration of the included items including the occupied memory.

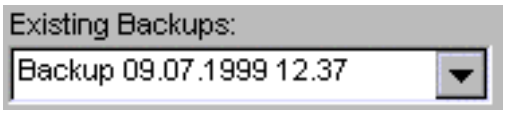
At the bottom of the Restore tab you will find the

button, to get a restore going. Press this button to actually start-up the restore process.

On the right-hand side, you will find the already familiar tree-view , which contains all the files, databases and the registry of the selected backup.

Starting a restore

To start a restore you'll first have to choose the backup you want to restore, from the backup combobox.



Backup combobox

Afterwards you will find the structure of the backup itself displayed in the tree-view. Select those particular objects you want to restore, or - if you want to restore them all - select the backup folder (the one on top with the backup name in its label) itself.

After you've selected the data which shall be restored, press the

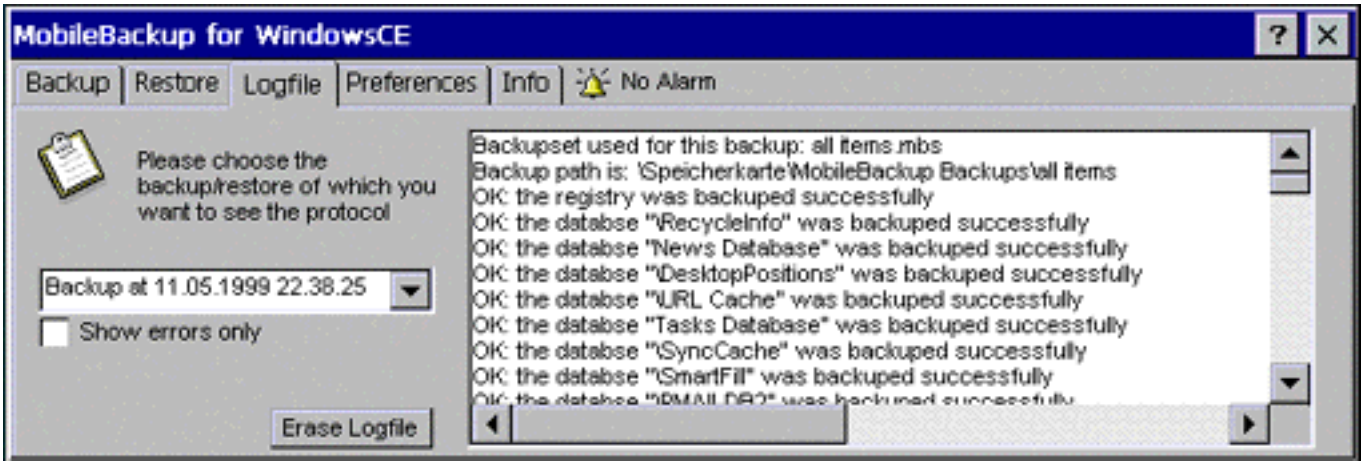
button and the restore process will start. Usually, you will not need to interact during this process. But if you picked "Warning if restored object exists" in preferences dialog you will get a warning each time there is a file or database already in existence on you device which would be overwritten by the one currently being restored. Please click "Yes" or "No" to overwrite or to leave the original object untouched.

The Logfile

You will find a very detailed logging feature inside of MobileBackup, which keeps track of all backups and restores. There are success and failure messages which will let you know what kind of problems have occurred if the process does not work as expected.

Hint:
The logfile is a simple text file, so you can also view it with any text editor (e.g. PocketWord or Word on your desktop) so you do not explicitly required to use the logfile screen in MobileBackup.

Click on the Logfile tab to reach the logfile screen.


MobileBackup for WindowsCE
Backup
Restore
Logfile
Preferences
Info
No Alarm
Please choose the backup/restore of which you want to see the protocol
Backup at 11.05.1999 22.38.25
Show errors only
Erase Logfile
Backupset used for this backup: all items.mbs
Backup path is: \Speicherkarte\MobileBackup Backups\all items
OK: the registry was backuped successfully
OK: the database "\RecycleInfo" was backuped successfully
OK: the database "News Database" was backuped successfully
OK: the database "\DesktopPositions" was backuped successfully
OK: the database "\URL Cache" was backuped successfully
OK: the database "Tasks Database" was backuped successfully
OK: the database "\SyncCache" was backuped successfully
OK: the database "\SmartFil" was backuped successfully
Logfile screen (HPC, HPCpro)

MobileBackup for WindowsCE
Backup
Restore
Log
Pref
Info
Choose the backup/restore of which you want to see the protocol .
Backup at 11.05.1999 22.38.25
Backupset used for this backup: all items.m
Backup path is: \Speicherkarte\MobileBacku
OK: the registry was backuped successful
OK: the database "\RecycleInfo" was backu
OK: the database "News Database" was ba
OK: the database "\DesktopPositions" was b
OK: the database "\URL Cache" was backup
OK: the database "Tasks Database" was ba
OK: the database "\SyncCache" was backu
OK: the database "\SmartFil" was backuped
Show errors only
delete
Logfile Screen (PPC)

Left-hand (PPC: on top) you will find a combobox which contains all actions listed by date and time. Pick the one you want to know more about and the list view right-hand will show all messages of the backup or restore.

You will find a message for each item, which tells if this item was backuped or restored successfully. As these lists of messages can be quite hugh, and most of the time only the failed messages are of importance, you can use a filter to explicitly see only these messages. Check-off the checkbox

to activate this filter.

This feature is also offered through the preferences screen, to explicitly collect only failure messages (see Preferences). This way the logfile will be much smaller and you still have the most important messages logged.

The logfile will become very big after a while (the time depends on how often and how many objects your store and if you log all messages or only the failure messages in the logfile) and that's why you should erase it from time to time. Press the

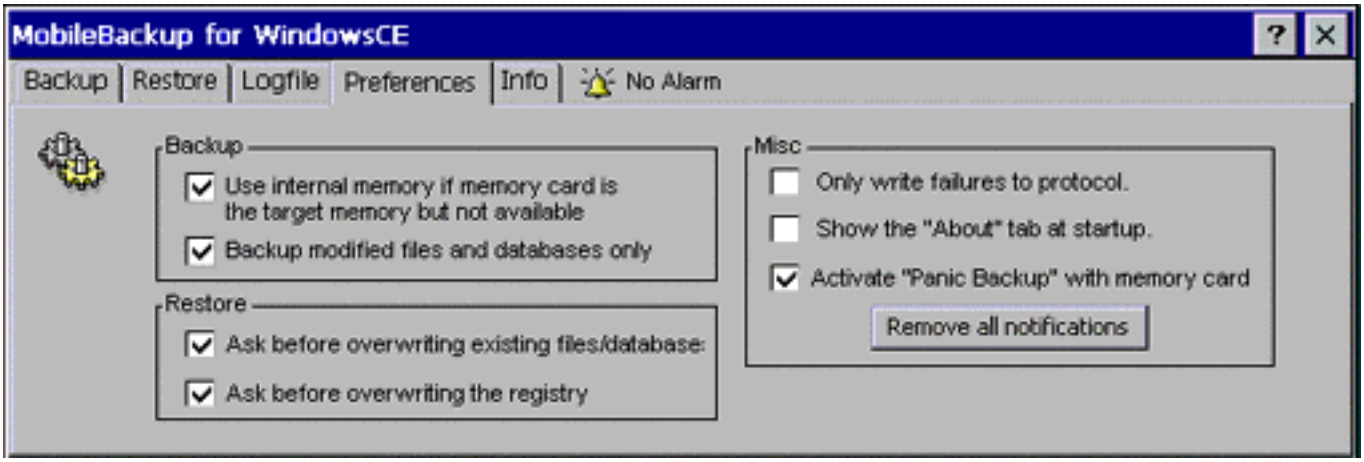
button to do so.

Hint:
As mentioned above, the logfile is a normal text file. So you can export it to your desktop and access it with any text editor. If you do so, before you delete it, you are able to access it in the future if you need some information about a backup or restore.

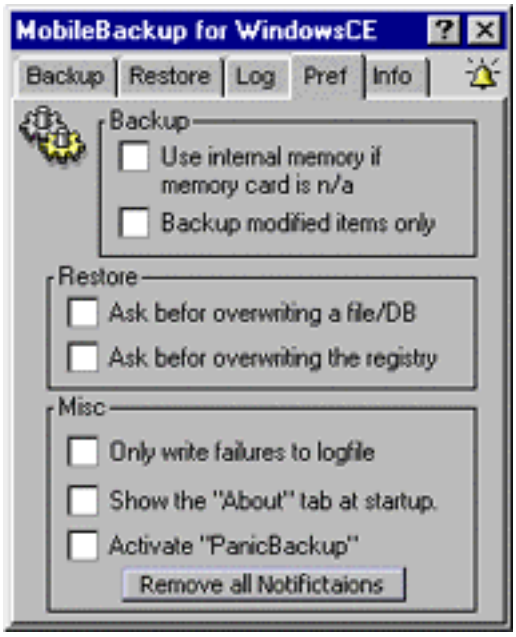
Preferences

Within Preferences you may define settings which will then be applicable throughout the application.

Click on the Preferences tab to reach the Preferences screen.



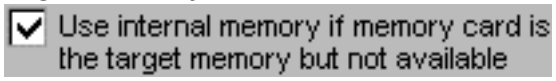
Preferences screen (HPC, HPCpro)



Preferences screen (PPC)

It consists of three sections: Backup, Restore and Misc preferences.

Within the Backup Preferences you can decide on what is done if the memory card is the primary target memory, but not available.

If you check 

MobileBackup will save the backup onto the internal memory instead of the memory card. If you un-check this option, there will be no backup taking place. In this case you will find a message in the logfile, telling “Backup could not take place, as the memory card is missing”.

Within the Backup Preferences you can also activate a “quick backup” procedure by checking ☑ Backup modified files and databases only. This way only modified items will actually be backuped and all unchanged items will be skipped. The logfile will tell you which items had been saved and which skipped.

Within the Restore Preferences you can activate warnings, which will occur, during the restore process, before an object will be overwritten.
If you check ☑ Ask before overwriting existing files/database: there will be a dialog during the restore process, asking if an existing file or database on your machine shall be overwritten by the one from the backup. You can overwrite the file or database by pressing YES or leaving it untouched, pressing NO.
If you check ☑ Ask before overwriting the registry there will be a dialog during the restore process, asking if the existing registry shall be overwritten by the one from the backup. You can can overwrite the registry by pressing YES or leaving it untouched, pressing NO.

Hint:
Be sure that the file or database you intend to overwrite isn’t modified since the last backup. Otherwise you will loose all changes since the last backup.

Within the Misc Preferences you will find various other options.
If you want to keep the logfile as small as possible, check
☑ Only write failures to protocol. hence only failure messages will be logged from there on. This will reduce the amount of memory space need for logging, dramatically.
If you do not wish to see the information screen each time you start-up MobileBackup, then un-check ☐ Show the "About" tab at startup. selecting the backup screen as the default startup screen from there on.
The panic backup, is a unique feature, that might help you in an emergency situation (see Panic Backup) . You should always keep the checkbox
☑ Activate "Panic Backup" with memory card activated, as otherwise this data-safety procedure will not be available in the event of an emergency. Anyway, we did include an on/off switch in order to prevent incompatibilities with other programs. If you notice, that the panic backup is not compatible with your device, or any one of the other installed programs, you can deactivate it here.

The button [Remove all notifications] is only good if you uninstall MobileBackup from your device. Refer to the chapter Deinstallation in this case

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